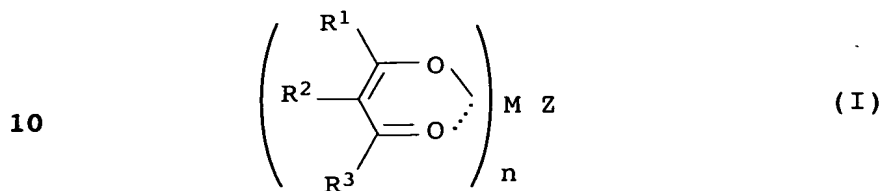


## Abstract

A process is described for preparing polyoxymethylene by  
 5 contacting a formaldehyde source with a catalyst of the formula I



where

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M is TiO, ZrO, HfO, VO, CrO<sub>2</sub>, MoO<sub>2</sub>, WO<sub>2</sub>, MnO<sub>2</sub>, ReO<sub>2</sub>, Fe, Ru, Co, Rh, Ir, Ni, Pd, Pt, Cu, Zn, Cd, Hg, Sn, SnO or PbO;

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R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are independently a radical which is selected from H, alkyl, aryl and aralkyl and the radical may be partly or fully halogenated;

Z is an anion; and

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n is 1 or 2.

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